



# — Y-12 BULLETIN

A Newspaper For Y-12 Employees of Union Carbide Corporation—Nuclear Division

Vol. 22 — No. 22

OAK RIDGE, TENNESSEE

Wednesday, June 5, 1968

## Certificate of Merit

This is to certify that PERSONNEL OF THE DEVELOPMENT MAINTENANCE GROUP, Y-12 PLANT, UNION CARBIDE, NUCLEAR DIVISION, OAK RIDGE, TENNESSEE

Has purchased TWO HUNDRED Bricks to be used in the construction of East Tennessee Children's Hospital.

In lieu of Christmas cards within the Group

Signed James R. Brown

BACK IN DECEMBER OF LAST YEAR, the Development Maintenance Department in Y-12 gave \$200 to the East Tennessee Children's Hospital . . . in lieu of Christmas cards not sent. Now the entire plant can participate in the Children's Hospital Building Fund, and management and labor join in this one-time appeal. Payroll deductions may be made from July through December of 1968.

## G. Ripka Is Guest At Physics Seminar

"Can Electrons Measure Short-Range Nuclear Correlations?" is the question posed at this week's Physics Division seminar. Chairing it will be G. Ripka, Princeton and Rutgers University.

The seminar is set for Thursday, June 6, at 3:15 p.m. in the East Auditorium of ORNL's 4500 building.

## Chemistry Is Solving Oil Spill Pollutions

Chemical progress has developed the answer to the problem of spilled oil in harbor waters. It's a non-toxic, biodegradable emulsifier which, when sprayed on oil spills, quickly disperses them, thus controlling pollution and eliminating fire hazards. The product is effective on crude oil and other petroleum derivatives.

## Children's Hospital Fund Drive Set Throughout Y-12

A 17-county area in East Tennessee is being asked to help provide the building funds for the East Tennessee Children's Hospital. (Y-12's Development Maintenance gave \$200 in lieu of sending Christmas cards back in December.)

In a one-time appeal in the plant, both management and labor have endorsed the East Tennessee Children's Hospital. James F. Warner, superintendent of Product Engineering, has accepted the job as chairman of the Y-12 salaried group, and B. W. Hensley, Atomic Trades and Labor Council, will serve as chairman soliciting the hourly paid personnel.

Payroll deductions may be made through the paymaster beginning in July and extending through December of this year.

Overall general chairman for the drive for Union Carbide —

Nuclear Division is Joseph A. Marshall, Oak Ridge Gaseous Diffusion Plant.

The hospital, to serve the East Tennessee area, will cost in the neighborhood of \$3 million, and should be ready for occupancy by the fall of 1969. The hospital will occupy a block near the Fort Sanders Presbyterian Hospital and the new Doctors' Building in Knoxville.

The ETCH has treated some 30,000 children from the area, since its opening in 1937. Approximately 40 per cent of the children admitted last year were from outside Knox County.

Anderson, Roane, Loudon, Blount and other surrounding counties are being asked to help build the needed structure.

Each dollar given by individuals is called a "brick" in the building campaign. With each

Continued on Page 4

## Fourney Replacing Tom Lane As Industrial Relations Head

The appointment of P. C. Fourney as Manager of Industrial Relations for the Nuclear Division, Union Carbide Corporation has been announced by Dr. C. E. Larson, president of the Nuclear Division. The appointment was effective June 1.

Fourney, who has been associated with Union Carbide for more than 27 years, will be responsible for the overall direction of the Nuclear Division's industrial relations, personnel and public relations activities in Oak Ridge and Paducah, Kentucky. He succeeds T. E. Lane, who will be retiring September 1, and who will serve as a consultant during the initial months following the change in organization.

Fourney began his career with Union Carbide in 1940 at the Alloy, West Virginia, plant of the Mining and Metals Division. After holding various positions in the Industrial Relations Department, he became Superintendent in 1954. He later was named Assistant Plant Manager at Alloy, and in 1956 was promoted to the position of Plant Manager at that location.

### Joined International

He was appointed Assistant Works Manager in 1959, with offices in New York City and later in Marietta, Ohio. He returned to New York City in 1965 as Works Manager, and later that year was named General Manager—Metals in the Union Carbide International Company. In this capacity he was responsible for ferroalloy and related operations overseas, primarily in Norway and the United Kingdom.

In 1966 he returned to the Mining and Metals Division as General Works Manager, a position he held until coming to Oak Ridge in February of this year, as Special Assistant to the President of the Nuclear Division.

Active in community and civic affairs, Fourney has been a director of the Ohio Manufacturers Association, the West Virginia Manufacturers Association, the Montgomery, West Virginia, National Bank, and the West Virginia Statewide Safety Council. He is also a member of the American Management Association.

### Native West Virginia

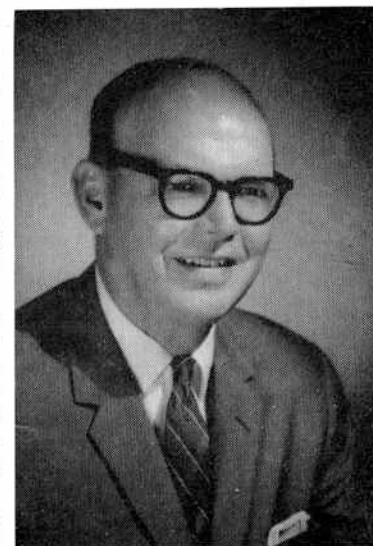
A native of Raleigh County, West Virginia, he was graduated from Concord College, where he majored in mathematics and the physical sciences.

Fourney is married to the former Ruby Linkous, and they have two daughters — Patricia, in Seattle, Washington, and Mrs. Gary Corner, Marietta, Ohio. The Fournays live at 1012 West Outer Drive, Oak Ridge.

Thomas E. Lane, General Superintendent of Industrial Relations for the Nuclear Division, will retire September 1.

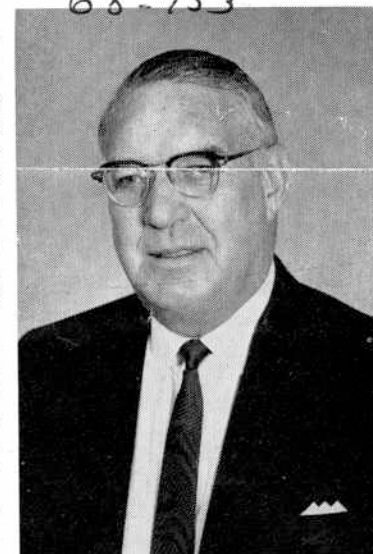
Lane has been superintendent and general superintendent of industrial relations since 1943 when Union Carbide was asked by the government to assume responsibility for operation of the Oak Ridge Gaseous Diffusion Plant.

Commenting on Lane's retirement, Dr. Larson said, "I have had the pleasure of knowing Mr. Lane personally since his early days in Oak Ridge. During his 25 years of service, he has made many significant contributions to the success of the atomic energy



P. C. Fourney

68-753



Thomas E. Lane

program, and has been very active in civic and community affairs. He was largely responsible for the tremendous recruiting job that was necessary to man the operations in Oak Ridge, and has performed outstanding service throughout his career."

### Born In Boston

A native of Boston, Massachusetts, Lane received his bachelor of science degree from the University of Massachusetts. Prior to joining Carbide, he was employed by Lever Brothers Company for 17 years, first as a research technician and later as manager of industrial relations. He then

Continued on Page 4



THE ABOVE Y-12ERS COMPLETED a four-year course in Industrial Electronics at Central High School, Wartburg. From left, are R. C. McGuffin, R. J. Spurling, C. T. Eldridge, R. J. Brown, L. T. Adkisson, D. C. Brown and Instructor T. A. Hickman. C. E. Green was not present for the picture-taking.

## SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
72 Days Or  
2,060,000 Man-Hours  
(Unofficial Estimate)  
Through June 2  
Without a Disabling  
Injury  
Safety At Home  
At Work, At Play



# The Bulletin

Published Weekly For The  
Y-12 Employees Of  
UNION CARBIDE  
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG Editor



American Association Industrial Editors

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Major and Mrs. Harold S. Holman

## HOLMAN—HURST

Nora S. Hurst, Tool Engineering Department, and Major (Retired) Harold S. Holman were married at Twin Palms Chapel, Lynwood, California, April 20.

Major Holman has been living in Honolulu, Hawaii since his retirement from the U. S. Army.

After a motor trip to East Tennessee, the couple is at home at 1103 Melbourne Avenue, Knoxville.



Mrs. David Allen Smith

## SMITH—DUNCAN

Miss Nora Marie Duncan, Field Accounting, and Mr. David Allen Smith were married Saturday, May 4, at 11:30 a.m. at the Central Baptist Church of Bearden, Knoxville. The Reverend Fred Rudder, pastor, officiated.



The time of brides, graduations, and other rites of Spring has come . . . along with more Y-12ers, celebrating important landmarks with Union Carbide Corporation. Congratulations.

### 25 YEARS

**Roy D. Williams**, Superintendents Division, June 8.

### 20 YEARS

**Dorothy H. Conner**, Mail Department, June 9.

**Dean H. Read**, Alpha Five Processing, June 9.

**Charlie M. McAmis**, General Expediting and Auxiliary Services, June 10.

### 15 YEARS

**Alfred Duncan**, Buildings, Grounds and Maintenance Shops, June 6.

**William C. Crowe**, General Shop Job Liaison, June 8.

**Robert T. Guice**, Research Services, June 8.

**Roger L. McGinnis**, Process Maintenance, June 8.

**Joe F. Davis**, Area Five Maintenance, June 10.

### 10 YEARS

**William H. Fleischman**, Engineering Mechanics, June 9.

## Property Theft Or Misuse Is Serious

Y-12 personnel should be aware of the seriousness of participating in or committing any willful act involving theft, damage, or misuse of materials and property. Union Carbide Corporation, by contractual agreement with the Atomic Energy Commission, is obligated to exert its best effort to prevent such acts. Materials and property within the scope of the company's commitment include the installation itself and essentially all materials, equipment and supplies which are integrated into Y-12's operations in the interest of the Government.

Disciplinary action taken by the Company in connection with theft or some other improper act does not prevent or in any way affect entry into the case by any other appropriate investigative agency. Penalties imposed under applicable state or federal laws will be in addition to the action taken by the Company. These laws are familiar to all of us.

In order that the company discharges its responsibilities properly under its contractual agreement, it is absolutely essential that each person assume responsibility for proper use of materials and property. Anyone who observes or has direct knowledge of theft or willful damage or misuse of property or materials is requested to report the incident to supervision at the earliest opportunity.

The bride is the daughter of Mr. and Mrs. J. B. Duncan, Route 20, Gray Hendrix Road, Knoxville; and the groom is the son of Mr. and Mrs. Fred A. Smith, 353 Vermont Avenue, Oak Ridge.

For her wedding the bride chose a simple beige knit lace dress. Her only attendant was Mrs. Carol Ann Milliken, Knoxville.

The bride attended the University of Tennessee and East Tennessee State University. The groom is a senior at UT where he is a member of the National Duplicate Bridge Association.

The couple is at home at 131 Tacoma Road, Oak Ridge.

It is always time for security.



**A TOTAL OF 34 STUDENTS** recently completed the American Society of Tool and Manufacturing Engineers' course in Mechanical Behavior of Engineering Materials. The six weeks course was taught by Dr. E. E. Stansbury, University of Tennessee. Above Mike Shemanski, chairman of the Knoxville-Oak Ridge Chapter of ASTM, left, congratulates Walter B. Edmonds on his completion of the course, as Paul F. Boyer, first vice chairman of the local ASTM looks on from the right. Both Shemanski and Boyer completed the course also.

## Homemaker Award To Y-12er's Child



Phyllis Carol Fain

Phyllis Carol Fain, rating number one on a written knowledge and attitude examination for senior girls, has been named 1968 Betty Crocker Homemaker of Tomorrow at Karns High School.

Phyllis's achievement has made her eligible for state and national scholarship awards and also has earned her a specially designed silver charm from General Mills, sponsor of the Betty Crocker Search for the American Homemaker of Tomorrow program.

Phyllis is also a member of the FBLA, FHA, Secretary of the Latin Club, a Latin aide, an office aide, and one of the top 20 seniors at Karns.

She is the daughter of Robert L. Fain, a member of Y-12's Guard Department.

## LIGHTWEIGHT CARS

The Burlington railroad has put a new type of freight car in operation for the first time. The roof and doors of the 60-foot long cars are made of lightweight polyurethane plastic foam sandwiched in Fiberglas. Because it is 4,100 pounds lighter than all-metal cars, it can carry an extra two tons of payload.

## 34 Complete Refresher Course Given By ASTM

A total of 34 members participated in the American Society of Tool and Manufacturing Engineers manufacturing practice refresher series. The Course number four was on the mechanical behavior of engineering materials. Of the 34 participants, 11 were Y-12ers.

The six-week course consisted of the following lessons: Interpretation of Test Data and Recorded Mechanical Properties; Physical Structure Characteristics of Engineering Materials; Testing Equipment and Techniques; Time and Temperature Effects on Mechanical Properties; Effect of Properties on Machinability and the Manufacturing Processes for Space Age Materials.

The series of course was sponsored by the Knoxville-Oak Ridge

chapter of ASTM. They were held at Oak Ridge Associated Universities Training Building on Wednesday nights.

Dr. E. E. Stansbury, University of Tennessee, served as instructor. The special education committee of ASTM arranged the course, and is made up of Joseph C. Hall, ORNL, James Slagle, Tool Crib, Inc., and Professor Raymond W. Holland, U.T.

Y-12er Michael Shemanski is chairman of the local chapter 107 of ASTM.

Y-12ers received the certificate of attainment, showing a successful completion of the course, were Walter B. Edmonds, Charles R. Schmitt, Harold E. Alvey, M. W. Poore, J. H. Smith, Paul F. Boyer, T. W. Robinson, Roy C. Stone, Charles M. Knowles and Chairman Shemanski.

Meanwhile, the chapter announces its June meeting set for tomorrow, Thursday, June 6. It will be held at Deane Hill Country Club, Knoxville, beginning with a steak dinner at 7 p.m. George A. Reimann, ORNL, will lecture on "Melting and Fabrication of Refractory Alloys."

Cost of tomorrow's dinner is \$4 and all members and interested parties are urged to attend.

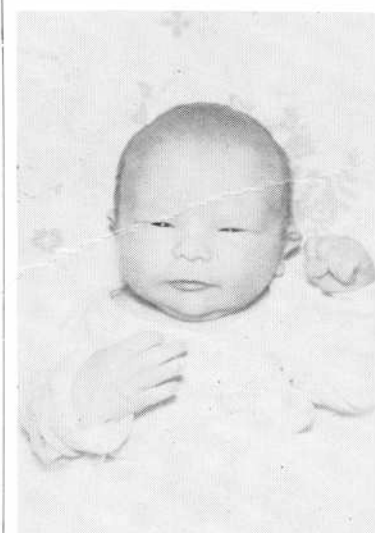
No meeting is set for July, and a picnic is planned for August 3 at the Clark E. Center Park.

## LESSONS CHEAP

When his ball dented a car in the club's parking lot, a conscientious golfer wrote a note on his business card and stuck it in the windshield: "I'm sorry my ball hit your hood. Send me a bill."

A few days later came the reply: "Thanks for your consideration. The damage is so minor I'm not going to bother. May I suggest, however, that you spend the money this would have cost you to take up golf lessons. Any man with a hook as bad as yours needs no trouble from me; he's got plenty of his own."

Plug security leaks.



CHARLES EDWIN ROBERT

Moody made his appearance at Ft. Sanders Presbyterian Hospital April 12, at 9:40 a.m. His name weighed almost as much as he did . . . as he tipped the scales at eight pounds, one ounce. He is the son of Charles and Mae Moody, 621 Mitchell Drive, Knoxville. The proud papa is in F Area Shops, 9212.



## 'Horse-o-rama' Will Open Friday

The Oak Ridge Playhouse will present its final production of the year for six performances beginning Friday, June 7, at 8:20 p.m. By request, the Playhouse has revived one of its most popular presentations, an original musical comedy called "Horse-o-rama" which was first produced in 1955 to the largest audience in Playhouse history to that date.

With the book by Esther Kitzes and Helen Knox, two former Ridgers, and music and lyrics by Betty Osborn who is still an Oak Ridge resident, "Horse-o-rama" takes all Westerns and the usual cliches and spoofs them with a combination of marvelous characters, funny dialogue and 16 musical numbers. Martha Bishop will once again be the heroine and C. A. Blake will re-create his role of a slightly myopic marshal. Director Paul Ebert will appear again as Mr. Jolly, the Undertaker.

Tickets are now on sale daily at the Playhouse Box Office in Jackson Square from 10 a.m. through 5:30 p.m. Phone reservations may be made by calling 483-1224. "Horse-o-rama" will be presented Friday, Saturday, June 7, 8 and Friday, Saturday and Sunday, June 14, 15 and 16 at 8:20 p.m. A special matinee will be held Saturday, June 15, at 2 p.m. The play is entirely suitable for family groups and student prices are available for the opening Friday night, the matinee and for the final Sunday evening performance. Playhouse season tickets for next year may be purchased at the Box Office all during the run of "Horse-o-rama" or by contacting J. B. Bullock, 482-3150.

## Protect Eyes Wisely By Avoiding Pitfalls

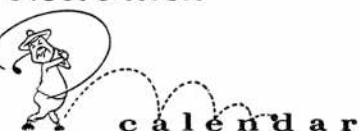
The Better Vision Institute offers six suggestions for the protection of eyes.

Never work in poor light. While reading or working avoid direct light glare by making sure the light is in back of you and hits squarely on what you are doing.

If you have to rub your eyes, use your elbow, for fingers or knuckles could cause infection.

When you have something in your eye see a doctor, for he has the proper equipment to remove

## Recreation



Sunday, June 9

**SKEET TOURNAMENT:** 1 p.m. Oak Ridge Sportsmen's Association range.

Monday, June 10

**GOLF:** Southwest Point League, after work. Southwest Point, Kingston.

**GOLF:** Melton Hill League, Melton Hill, Clinton.

**SOFTBALL:** Beginning 6:30 p.m. Pinewood Park. Gashouse Gang vs. Pirates; Eagles vs. Cardinals; K-25 Colts vs. Bat Boys.

**PHYSICAL FITNESS (Women):** 7:30 p.m. Girls' Gym, Oak Ridge High School.

Tuesday, June 11

**PHYSICAL FITNESS (Men):** 7:30 p.m. Oak Ridge High School Gym.

**SOFTBALL:** Beginning 6:30 p.m. Pinewood Park. K-25 Colts vs. Eagles; Cardinals vs. UCC All Stars; Beta Two vs. Gashouse Gang.

**PISTOL LEAGUE:** 6:15 p.m. Oak Ridge Sportsmen's Association.

**CAMERA CLUB:** 8 p.m. First United Presbyterian Church, Oak Ridge.

Thursday, June 13

**SOFTBALL:** Beginning 6:15 p.m. Pinewood Park. White Sox vs. Bat Boys; Big Shops vs. Braves; Pirates vs. J-Birds.

**ARCHERY LEAGUE:** 5:30 p.m. Oak Ridge Sportsmen's Association.

**HORSESHOE LEAGUE:** 7 p.m. Oak Ridge City Courts, Jackson Square.

## CORN PRODUCTS

A grand total of 650 items — from canary biscuits to yogurt — contains corn in some form. This count demonstrates how well corn refiners can tailor their products to meet an almost unlimited variety of applications.

any particles without damaging the eyes.

Take off sunglasses at sundown, and never use them for night driving. In both cases arrested vision could cause accidents.

Have your eyes examined once a year.



**ANOTHER BIG TEAM IN THE SOFTBALL LEAGUE FROM Y-12** is the Big Shops, seen above. In front, from left are L. M. Tittle, manager; W. O. Brucker, J. H. Davis, Harley Law and C. A. Hooper. On the fence are F. K. Clabough, Perry Bullard, Fred Manning, assistant manager; Don Branson and R. E. Gibson.

## Colts, Braves, Eagles, Sport Clean Slates As Rains Slow Softball

Five games got into the record books last week in the Softball League . . . despite the rain.

Monday's action began with the Big Shop team slipping by the Cardinals 8 to 5.

Ralph Gibson grabbed a four-bagger for the BS team . . . on the Cardinals' side it was Jerry Harris and Earl Nall with one each.

The Y-12 Eagles clipped the White Sox also Monday 15 to 1 . . . with Fred Mundt, Trig Myhre

and Ray Cooper all poling long homers.

Tuesday's play opened with the K-25 Colts taking their fourth straight game 19 to 1 from the J-Birds.

Wes Peters pegged a four-bagger for the only long one of the game. . . . Sam Woodfin tripled.

The Y-12 Braves belted the Gashouse Gang 21 to 4 as Steve Babb belted two homers. . . . Ted Hatcher and John Evans hit one each.

The last game of the week saw the UCC All Stars blank the Bat Boys 18 to 0.

Paul Williams, Jim Davis and K. Self all collected homers . . . as the BB's earned only three hits the entire game.

Thursday's games were called because of rain.

League standings follow:

Team	W	L
K-25 Colts	4	0
Y-12 Braves	3	0
Eagles, Y-12	3	0
Big Shops, Y-12	3	1
Cardinals, Y-12	3	2
Pirates, Y-12	2	2
K-25 Gashouse Gang	1	2
Bat Boys, Y-12	1	2
J-Birds, Y-12	1	3
UCC All Stars, Y-12	1	3
Beta Two, Y-12	0	2
White Sox, Y-12	0	4

## Mee-Wright Grab Kingston Golf Lead

The Southwest Point Golf League got in an almost full week of competition last week, despite the rains.

Scoring in points of 2's, (two points for the high man vs. the high man; two for the two low men; and two for the team) the eight-team league plays at the lakeside course in Kingston.

R. E. Plemons scored a low scratch of 39 last week . . . a 35 handicap score.

The Mee-Wright team blanked the Goodwin-Tuell pair . . . C. W. Hamill and R. E. Plemons took the Groppe-Argo duo for five . . . and the Joe Pryson-Ray Ellis team captured four from the Trues.

League standings follow:

Team	W	L
Mee-Wright	6	0
Hamill-Plemons	5	1
Pryson-Ellis	4	2
A. True-T. True	2	4
Groppe-Argo	1	5
Goodwin-Tuell	0	6
Garber-Huddleston	0	6
Ludwig-White	0	6

## Mixed Bowling League Starts Tomorrow

A UCC mixed bowling league will get underway tomorrow night, Thursday, June 6, at 7:30 p.m. at Ark Lanes. At least four teams are needed in the two-men, two-women team set-up.

If you are interested in bowling in the Classic Mixed League, just give Bob Burns a ring, on extension 3-7235. The season will be over in time for regular leagues to begin next fall.

## Camera Club Sets June Meet Tuesday

The June meeting of the Car-bide Camera Club is set for next Tuesday, June 11, at 8 p.m. in Fellowship Hall of the First Presbyterian Church, Oak Ridge. A. A. Abbatiello will speak on camera repair, and even more important, preventative maintenance for cameras.

In addition, contributions to June's open competition will be judged and discussed.

Last month's competition, "Eggs," produced some very interesting and highly entertaining pictures. Don Rucker captured all three prizes in the black and white prints, as well as first prize in the color slide division. Bill Moyer and Stan Leibo took second and third places, respectively.

Competition for August is announced as "Religion," and should be turned in by July 1. July's competition is "Senior Citizens," and the deadline for entry was this past Monday, June 3.

## COFFEE PLACEBO

Coffee wasn't always a social drink. . . . In its earliest days it was considered a cure for almost any type of ailment.



**THIS BEAUTY OF A BROWN TROUT** was landed recently by Pete Greene, stepson of G. F. Eddleman, Y-12's Electrical Department. Pete is a junior at Oak Ridge High School, and caught the five pound, 12 ounce luncheon on a night crawler in the tailwaters of Chilhowee Lake. Skillful maneuvering (on a six-pound test line, mind you) brought the 22-inch long trout in.

## Tee-Off Time Application For Wallace Hills (Maryville) Tourney

Saturday, June 22

Foursome

\_\_\_\_\_, Leader

Leader's office phone \_\_\_\_\_

Home phone \_\_\_\_\_

Tee-off Time Preferred \_\_\_\_\_

Fill out completely and return to the Recreation Office, Building 9704-2. Deadline for entering is 4:30 p.m. Wednesday, June 19. Tee-off times will be drawn the next day, Thursday, June 20 at 8:30 a.m.

**GOLF CARTS**

Yes ☐ No ☐





**INTENSIVE TEACHING FOR CHILDREN** up to four years old, as practiced by Dr. Bettye Caldwell of the Syracuse University Day Care Center and other educators, is intended to keep underprivileged children from falling behind those from more advantaged homes. Here Bonnie Lundeen, at the University of Illinois Institute for Research on Exceptional Children, gives an arithmetic lesson to four-year-olds. She appears on "The 21st Century" episode "From Cradle to Classroom, Part II," which will be broadcast in color Sunday June 9, at 6 p.m. EDT on the CBS Television Network. The program, sponsored in the public interest by Union Carbide Corporation, is seen locally over WBIR-TV, Channel 10.

## Pre-School Age Is 'Turned-On Period' For Learning According To Researchers

An intensely energetic strawberry blonde young woman runs a Day Care Center full of children ranging in age from six months to four years old. She is Dr. Bettye Caldwell, one of the originators of a program for the education of the very young. Dr. Caldwell's aim is to prevent children from becoming disadvantaged, and she believes she can accomplish this by starting a child's education in infancy.

In the early years of life, she explains, no child is disadvantaged. But by the time a child is three years old — when he would normally begin nursery school — he is far behind his age group if he lives in a disadvantaged home.

Dr. Caldwell and other educators of the very young explain how they believe they can prevent children from falling behind in "From Cradle to Classroom, Part II," an episode of "The 21st Century" which will be broadcast in color Sunday, June 9, at 6 p.m. EDT on the CBS Television Network. The program, sponsored in the public interest by Union Carbide Corporation, is carried locally by WBIR-TV, Channel 10. CBS News Correspondent Walter Cronkite is principal reporter for the series.

Cronkite says, "By the time a child is four he has acquired half his adult intelligence. Might professionals use this 'turned-on' period to benefit everybody from poor to privileged? Might the once-upon-a-time kindergarten to college become 'Cradle to Classroom' learning by the twenty-first century?"

Dr. Caldwell is shown during the broadcast in the Day Care Center of the University of Syracuse, New York. She has been evaluating the results of her method of early education for 10 years, at the center and elsewhere, and thinks she has triumphed over those who contend that young children should be left in the home, and educators should not "tamper" with their intelligence.

"There are currently three million working mothers in the United States with children under six," Cronkite says. "Before the twenty-first century so many women will have left the home

for the job market that day care will be as routine as kindergarten."

Siegfried Engelmann, another futuristic educator, is heartily against the "play school" concept which prevailed in the past. He does not permit free play only—he trains the children. Cronkite, presenting on the report a class run by Engelmann, says the teacher is giving "these children of poverty an intellectual cram course."

Engelmann who developed his method with Carl Bereiter, works with four-year-olds at the University of Illinois. His students are already a year behind the average middle class child and, Cronkite says, "they are entering an intellectual pressure tank designed to help them catch up by the first grade. For two years, two hours a day, they will be forced words and ideas."

Cronkite, quoting the reactions of some orthodox educators, says, one calls the approach "totalitarian;" another's adjective was "horrible."

The Bereiter-Engelmann method of teaching disadvantaged children makes them touch the objects they must learn about, and gives them the words for the objects and for ideas. "Middle class children get words from their parents," Cronkite says. "The slum child does not. He must be told what things are, and what they are not."

"From Cradle to Classroom, Part II" was written by Judy Towers.

## Children's Hospital

**Continued from Page 1**  
'brick' the building will rise, thanks to the help of East Tennesseans.

The spirit of love within the East Tennessee Children's Hospital will move from the old building to the new. The hospital will rise on high ground and will be a landmark, a visible tribute to those who believe in it, and who joined together to building it. As you pass by, will you be able to look up to it and think, "I helped?"

Divisional chairman will be in touch with you sometime this

## Fourney Replacing Tom Lane

**Continued from Page 1**  
served for one year as a management consultant to the Brunswick Corporation.

Lane is a recipient of the James House Williamson Award of the Tennessee Industrial Personnel Conference, the Beaver Award of the Boy Scouts of America, and was nominated for the Human Relations Award of the Society for the Advancement of Management.

He is Chairman of the Board of the Bank of Oak Ridge, a former national representative of the Boy Scouts of America, a former member of the Oak Ridge Human Relations Commission, a former president of the Oak Ridge Community Chest, Chamber of Commerce and Rotary Club, and was Chairman of the Anderson County Courthouse Building Committee.

### Other Memberships

His other memberships include the Elks Club, American Management Association and Mayor's Committee on Race Relations. In addition, he has served as Chairman of the Tennessee Industrial Personnel Conference and the AEC Contractors Personnel Conference. He is also a former president of the Indiana Personnel Association and a former director of the Industrial Relations Association of Chicago.

Lane and his wife, the former Jean M. Campbell, live at 852 West Outer Drive, Oak Ridge. They have four sons and two daughters, all married, and 20 grandchildren.

## Bridges Son Leads Karns Senior Class



Carl Branson Bridges Jr.

Carl B. Bridges Jr., son of Carl B. Bridges, Planning and Scheduling, has been named a finalist in the National Merit Scholarship Competition. Carl is valedictorian at Karns High School.

Young Bridges will graduate from Karns High School, where he is a member of the High School Band (four years), president of the Latin Club, secretary of the Karns Chapter of the Key Club, vice-president of the Beta Club, and senior class representative.

Young Bridges plans to enter Johnson Bible College, Kimberlin Heights, Tennessee this fall to study for the ministry.

The Bridges live on Cooper Ridge Road, Route 18, Knoxville.

### FULL BASEMENT

One boy to another as they watched the escalator: "I wonder what happens when the basement gets full of steps."

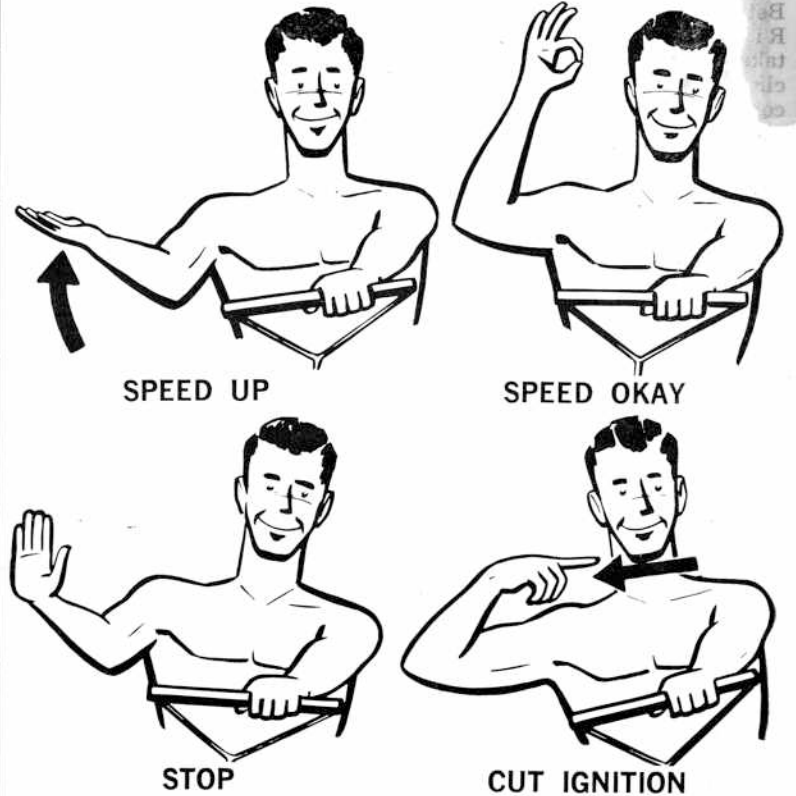
month concerning a contribution. Do you care enough to give?



UNION CARBIDE CORPORATION  
NUCLEAR DIVISION  
P. O. BOX Y, OAK RIDGE, TENNESSEE 37830

(RETURN POSTAGE GUARANTEED)

BULK RATE  
U.S. Postage  
PAID  
Oak Ridge, Tenn.  
Permit No. 71



(COURTESY OF MERCURY OUTBOARDS)

## Simple Hand Signals Vital To Popular Sport Of Water Skiing—Area's Favorite

Since much of the fun of water skiing depends on the boat driver's skill, the following suggestions are offered to tow boat skillers:

1. Watch for worn or tangled tow lines and check all ski equipment periodically for damaged parts.
2. Know the skier's hand signals: moving hand in lifting motion, palm upward, indicates "faster," downward, "slower." Thumb and forefinger forming a Circle means the speed is right. Hand up, palm outward, means "stop." Slashing motion across throat means "cut the ignition."
3. Have an observer with you in the boat to watch the skier and relay messages (this is the law in some states.)
4. Night skiing is dangerous and prohibited by law.
5. When the skier is preparing for a takeoff, he will call "Take it up slow." Proceed very slowly, taking up the slack in the tow rope. When he calls "Hit It," accelerate steadily, but not too fast, until the skier is up and planing.
6. When picking up a fallen skier, shut off the motor.
7. To put the rope back in the hands of a fallen skier, drive around him in a half circle and let the rope drift into him.

June has been declared as Off-The-Job Accident Prevention time for all of Y-12. All of the plant's safety efforts will be directed toward the reduction of away from work injuries . . . at home, on the highways, at play and at duties and chores on the farm or at home.

A very excellent film "Anatomy of an Accident" will be shown throughout all meetings for the entire month of June.

A total of 87 Y-12ers were injured in off-the-job mishaps during 1967. It is our task to reduce that number considerably.

Other water skiing suggestions: Insist that there be an observer in the boat at all times . . . always wear a life saving device . . . make sure your foot binders fit properly and all ski equipment is free of protruding sharp screws, rough edges, etc. . . ski lines and handles should be free of complicated hooks, eyes and other devices as well as unnecessary loops that might entangle, catch or cut a skier . . . try to fall backward when you feel you're about to take a spill . . . and don't ski at night or in waters which are unfamiliar to you.

If you are a typical East Tennessean you will be on water skis sometime during the summer . . . either as a beginning student or an 'old-pro'.

Enjoy the sport of skiing, but do it safely. Don't become an 'off-the-job' statistic!

## Medicine Cabinet May Contain Hidden Hazards

Have you checked your medicine cabinet lately? Poison hazards can be eliminated by retaining only those medications that were purchased recently and are labeled for instant identification. Some compounds deteriorate with age, while others (like iodine) become dangerously strong through evaporation. Discard unlabeled containers, and place transparent tape over stoppers or covers of any potentially dangerous medicine. Will prevent sleepy or befuddled persons from swallowing the wrong dose.